Author index

Argent, B.E., see Gray, M.A. (1029) 33
Ashwood, E.R., see Osorio e Castro, V.R. (1029) 252

Barenholz, Y., see Goren, D. (1029) 285
Bartolf, M. and Franson, R.C.
Biomembrane-modulated, lysosomal pospholipase A_2 contamination of chromaffin granule ghosts (1029) 196
Bennett, M.J., see Smejtek, P. (1029) 259
Berman, M.C. and King, S.B.
Stoichiometries of calcium and strontium transport coupled to ATP and acetyl phosphate hydrolysis by skeletal sarcoplasmic reticulum (1029) 235
Bevers, E.M., see Tilly, R.H.J. (1029) 188
Blume, G. and Cevc, G.
Liposomes for the sustained drug release in vivo (1029) 91
Blumrich, M. and Petzinger, E.
Membrane transport of conjugated and unconjugated bile acids into hepatocytes is susceptible to SH-blocking reagents (1029) 1
Brasseur, R., Vandenbranden, M., Cornet, B., Burny, A. and Ruysschaert, J.-M.
Orientation into the lipid bilayer of an asymmetric amphipathic helical peptide located at the *N*-terminus of viral fusion proteins (1029) 267
Bravo, I. and Sobrevía, L.
Kinetics and specificity of L-alanine transport across the basolateral cell surface in isolated oxyntic glands (1029) 98
Burny, A., see Brasseur, R. (1029) 267

Calonge, M.L. and Ilundáin, A.
Na^+-H^+ exchange activity and cellular pH regulation in enterocytes isolated from chick small intestine (1029) 201
Cevc, G., see Blume, G. (1029) 91
Comfurius, P., see Tilly, R.H.J. (1029) 188
Cornet, B., see Brasseur, R. (1029) 267
Crabbé, J., see Granitzer, M. (1029) 185
Creutz, C.E., see Zaks, W.J. (1029) 149

De Jongh, H.H.J. and De Kruijff, B.
The conformational changes of apocytochrome *c* upon binding to phospholipid vesicles and micelles of phospholipid based detergents: a circular dichroism study (1029) 105
De Kruijff, B., see De Jongh, H.H.J. (1029) 105
Dixon, D.A. and Haynes, D.H.
The pH dependence of the cardiac sarcolemmal Ca^{2+}-transporting ATPase: evidence that the Ca^{2+} translocator bears a doubly negative charge (1029) 274
Duportail, G., see Houbre, D. (1029) 136

Enders, A.
The influence of general, volatile anesthetics on the dynamic properties of model membranes (1029) 43
Escriba, P.V., see Garci-Segura, L.M. (1029) 191

Faivre, J.-F. and Findlay, I.
Action potential duration and activation of ATP-sensitive potassium current in isolated guinea-pig ventricular myocytes (1029) 167
Felipe, A., Moule, S.K. and McGivan, J.D.
Bicarbonate stimulation of Na^+ transport in liver basolateral plasma membrane vesicles requires the presence of a transmembrane pH gradient (1029) 61
Ferragut, J.A., see Garci-Segura, L.M. (1029) 191
Ferrer-Montiel, A.V., see Garci-Segura, L.M. (1029) 191
Findlay, I., see Faivre, J.-F. (1029) 167
Franson, R.C., see Bartolf, M. (1029) 196

Gabizon, A., see Goren, D. (1029) 285
Garci-Segura, L.M., Ferragut, J.A., Ferrer-Montiel, A.V., Escriba, P.V. and Gonzalez-Ros, J.M.
Ultrastructural alterations in plasma membranes from drug-resistant P388 murine leukemia cells (1029) 191
Gonzalez-Ros, J.M., see Garci-Segura, L.M. (1029) 191
Goren, D., Gabizon, A. and Barenholz, Y.
The influence of physical characteristics of liposomes containing doxorubicin on their pharmacological behavior (1029) 285
Graham, M.J., see Reid, D.G. (1029) 24
Granitzer, M., Nagel, W. and Crabbé, J.
Regulation of ion conductance in frog skin by isoproterenol (1029) 185
Gray, A., see Illsley, N.P. (1029) 218
Gray, M.A. and Argent, B.E.
Non-selective cation channel on pancreatic duct cells (1029) 33

Haest, C., see Henseleit, U. (1029) 127
Hagaman, K.A., see McLean, L.R. (1029) 161
Hansen, C.L., see Wilson, T.H. (1029) 113
Haro, R., see Ramos, J. (1029) 211
Haynes, D.H., see Dixon, D.A. (1029) 274
Henseleit, U., Plasa, G. and Haest, C.
Effects of divalent cations on lipid flip-flop in the human erythrocyte membrane (1029) 127
Hermetter, A., see Loidl, J. (1049) 75
Houbre, D., Schindler, P., Trifilieff, E., Luu, B. and Duportail, G.
Selectivity of lipid–protein interaction with myelin proteolipids PLP and DM-20. A fluorescence anisotropy study (1029) 136

Illsley, N.P. and Jacobs, M.M.
Control of the sodium-proton antiporter in human placental microvillous membranes by transport substrates (1029) 227
Illsley, N.P., Wang, Z.-Q., Gray, A., Sellers, M.C. and Jacobs, M.M.
Simultaneous preparation of paired, syncytial, microvillous and basal membranes from human placenta (1029) 218
Ilundáin, A., see Calonge, M.L. (1029) 201

Jacobs, M.M., see Illsley, N.P. (1029) 218
Jacobs, M.M., see Illsley, N.P. (1029) 227
Jandak, J., Li, X., Kessimian, N. and Steiner, M.
Unequal distribution of membrane components between pseudopodia and cell bodies of platelets (1029) 117
Joelsson, M., see Johansson, G. (1029) 295
Johansson, G., Joelsson, M. and Olde, B.
Partition of synaptic membranes in aqueous two-phase systems at subzero temperatures by using anti-freeze solvent (1029) 295

Kamaya, H., see Suezaki, Y. (1029) 143
Kaminoh, Y., see Suezaki, Y. (1029) 143
Kessimian, N., see Jandak, J. (1029) 117
Khalbuss, W.E. and Wondergem, R.
An electrophysiological technique to measure change in hepatocyte water volume (1029) 51
King, S.B., see Berman, M.C. (1029) 235

Li, X., see Jandak, J. (1029) 117
Loidl, J., Schwabe, G., Paschke, E., Paltauf, F. and Hermetter, A.
Uptake of fluorescent plasmalogen analogs by cultured human skin fibroblasts deficient in plasmalogen (1049) 75
Luu, B., see Houbre, D. (1029) 136
L. van Houten, J., see Wright, M.V. (1029) 241

MacLachlan, L.K., see Reid, D.G. (1029) 24
Maeda, N., see Suzuki, Y. (1029) 85
Markovich, R.J., see Pidgeon, C. (1029) 173
McGivan, J.D., see Felipe, A. (1029) 61
McLean, L.R. and Hagaman, K.A.
Antioxidant activity of probucol and its effects on phase transitions in phosphatidylcholine liposomes (1029) 161
Mitchell, R.C., see Reid, D.G. (1029) 24
Moule, S.K., see Felipe, A. (1029) 61

Nagel, W., see Granitzer, M. (1029) 185
Nakajima, T., see Suzuki, Y. (1029) 85

Olde, B., see Johansson, G. (1029) 295
Osorio e Castro, V.R., Ashwood, E.R., Wood, S.G. and Vernon, L.P.
Hemolysis of erythrocytes and fluorescence polarization changes elicited by peptide toxins, aliphatic alcohols, related glycols and benzylidene derivatives (1029) 252

Paltauf, F., see Loidl, J. (1049) 75
Paschke, E., see Loidl, J. (1049) 75
Petzinger, E., see Blumrich, M. (1029) 1
Pidgeon, C. and Markovich, R.J.
Formation of the antiplanar-antiplanar phosphate conformation of dilauroylphosphatidylcholine bilayers (1029) 173
Plasa, G., see Henseleit, U. (1029) 127

Ramos, J., Haro, R. and Rodríguez-Navarro, A.
Regulation of potassium fluxes in *Saccharomyces cerevisiae* (1029) 211
Raw, M.J., see Reid, D.G. (1029) 24
Reid, D.G., MacLachlan, L.K., Mitchell, R.C., Graham, M.J., Raw, M.J. and Smith, P.A.
Spectroscopic and physicochemical studies on the interactions of reversible H^+/K^+-ATPase inhibitors with phospholipid bilayers (1029) 24
Riker, W.K., see Smejtek, P. (1029) 259
Rodríguez-Navarro, A., see Ramos, J. (1029) 211
Ruysschaert, J.-M., see Brasseur, R. (1029) 267

Schindler, P., see Houbre, D. (1029) 136
Schwabe, G., see Loidl, J. (1049) 75
Sellers, M.C., see Illsley, N.P. (1029) 218
Senden, J.M.G., see Tilly, R.H.J. (1029) 188
Shiga, T., see Suzuki, Y. (1029) 85
Smejtek, P., Riker, W.K., Wright, C. and Bennett, M.J.
Adsorption of aminopyridines to phosphatidylserine membranes (1029) 259
Smith, P.A., see Reid, D.G. (1029) 24
Sobrevía, L., see Bravo, I. (1029) 98
Steiner, M., see Jandak, J. (1029) 117
Suchy, S.E., see Walter, A. (1029) 67
Suezaki, Y., Tatara, T., Kaminoh, Y., Kamaya, H. and Ueda, I.
A solid-solution theory of anesthetic interaction with lipid membranes: temperature span of the main phase transition (1029) 143
Suzuki, Y., Nakajima, T., Shiga, T. and Maeda, N.
Influence of 2,3-diphosphoglycerate on the deformability of human erythrocytes (1029) 85
Sweadner, K.J.
Anomalies in the electrophoretic resolution of Na^+/K^+-ATPase catalytic subunit isoforms reveal unusual protein–detergent interactions (1029) 13

Tatara, T., see Suezaki, Y. (1029) 143
Tilly, R.H.J., Senden, J.M.G., Comfurius, P., Bevers, E.M. and Zwaal, R.F.A.
Increased aminophospholipid translocase activity in human platelets during secretion (1029) 188
Trifilieff, E., see Houbre, D. (1029) 136

Ueda, I., see Suezaki, Y. (1029) 143

Vandenbranden, M., see Brasseur, R. (1029) 267
Vernon, L.P., see Osorio e Castro, V.R. (1029) 252
Vinson, P.K., see Walter, A. (1029) 67

Walter, A., Suchy, S.E. and Vinson, P.K.
Solubility properties of the alkylmethylglucamide surfactants (1029) 67
Wang, Z.-Q., see Illsley, N.P. (1029) 218
Wilson, T.H., Yunker, P.L. and Hansen, C.L.
Lactose transport mutants of *Escherichia coli* resistant to inhibition by the phosphotransferase system (1029) 113
Wondergem, R., see Khalbuss, W.E. (1029) 51
Wood, S.G., see Osorio e Castro, V.R. (1029) 252
Wright, C., see Smejtek, P. (1029) 259
Wright, M.V. and L. van Houten, J.
Characterization of a putative Ca^{2+}-transporting Ca^{2+}-ATPase in the pellicles of *Paramecium tetraurelia* (1029) 241

Yunker, P.L., see Wilson, T.H. (1029) 113

Zaks, W.J. and Creutz, C.E.
Annexin-chromaffin granule membrane interactions: a comparative study of synexin, p32 and p67 (1029) 149
Zwaal, R.F.A., see Tilly, R.H.J. (1029) 188